Link Wireless Telephone

Model PTB400/410

Model PTB450

User Guide

Part Number: 72-0035-51
Issue I

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Table of Contents

The Link Wireless Telephone Model PTB450 4

The Link Wireless Telephone Model PTB400/410 5

Overview 6
- Status Indicators 6
- Quick Start Guide 6

Operating Instructions 7
- Basic Operation 7
- The Wireless Telephone Headset 8
- Setting User Preferences 9
- Menu Navigation 9
- Menu Options 9

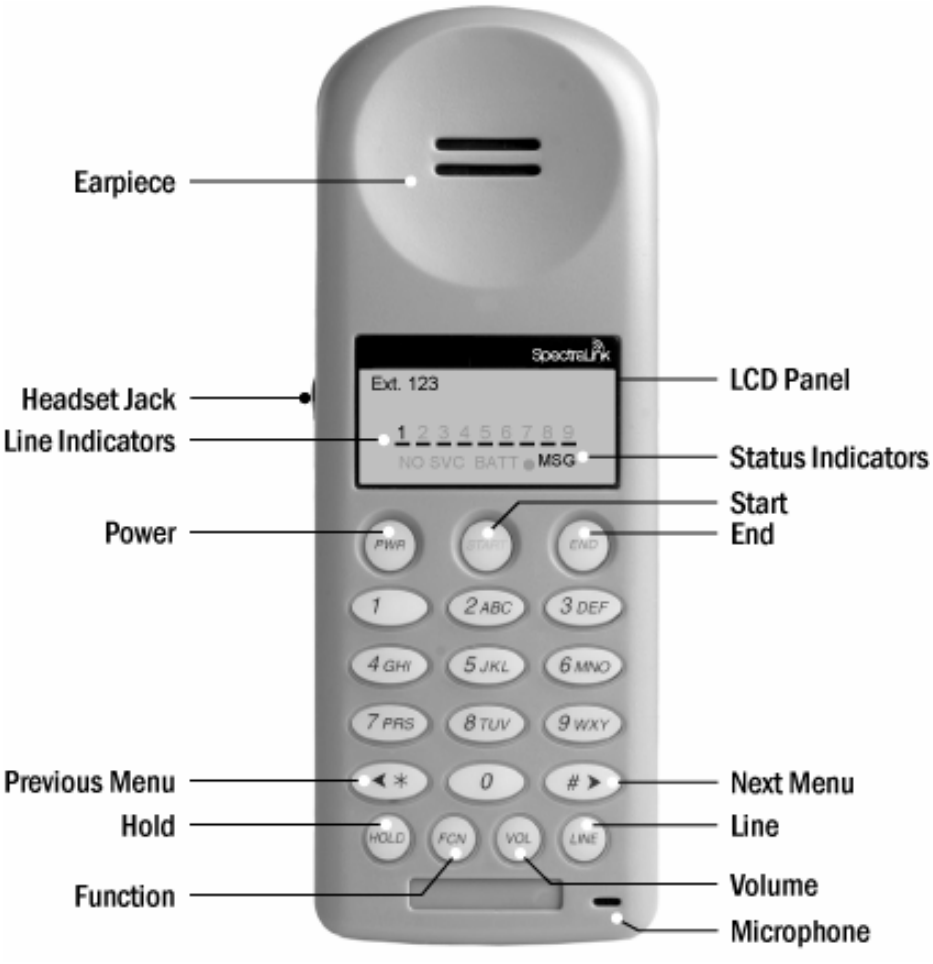
Link Wireless Telephone Accessories 10
- Battery Packs 10
- Link Dual Charger 11
- Link Quick Charger 13
- Link Quad Charger 15
- Important Notes about Chargers and Battery Packs 17

General Care of the Wireless Telephone and Chargers 18

Tips For Use 19
- PLEASE NOTE: 19

Regulatory Information 20
- NOTE CONCERNING THE WIRELESS TELEPHONES: 20
- RADIO FREQUENCY (RF) INFORMATION: 20
- OPERATIONAL WARNINGS: 20
- ELECTRO MAGNETIC INTERFERENCE/COMPATIBILITY: 21

The Link Wireless Telephone Model PTB450



The Link Wireless Telephone supports a broad range of enterprise applications and is ideally suited for the general office, finance or hospitality environments. This compact handset offers a rich set of features including a high-resolution graphic display, menu-driven functions and messaging capability – all within a lightweight ergonomic design. A full set of accessories is available including headsets, chargers and carrying cases.

Model PTB450 features a taupe-colored face and a backlit keypad and display.

The Link Wireless Telephone Model PTB400/410

The Link Wireless Telephone supports a broad range of enterprise applications and is ideally suited for the general office, finance or hospitality environments. This compact handset offers a rich set of features including a high-resolution graphic display, menu-driven functions and messaging capability – all within a lightweight ergonomic design. A full set of accessories is available including headsets, chargers and carrying cases.

Both models are classic black. Model PTB410 supports a vibrating ringer option.

Overview

Your Link Wireless Telephone is a state of the art communication device that utilizes radio wave technology to send and receive voice transmissions. It is designed to operate like the familiar cell phone. However, the Wireless Telephone utilizes the private telephone system installed in your facility and will not operate outside the area reached by this system.

The following guide is meant to provide general information about your Wireless Telephone. Contact your system administrator for additional information on how your Wireless Telephone functions within your telephone system.

Registered model numbers

This document covers registered model number:
PTB400

Customer support hotline

SpectraLink wants you to have a successful installation. If you have questions please contact our **Customer Support Hotline at (800) 775-5330.** The Hotline is open Monday through Friday, 6:00 a.m. to 6:00 p.m. Mountain Time.

Status Indicators

NO SVC	The Wireless Telephone cannot receive or place calls. You may be outside of the coverage area. Walk back into the covered area.
BATT	Your Battery Pack charge is low. You will also hear a beep in the earpiece. Your Battery Pack needs to be recharged.
MSG	You have a voicemail message.

Quick Start Guide

Power on	PWR		Press and hold **PWR** until double chirp, then release
Power off	PWR		Press and hold **PWR** until single chirp, then release
Answer call	START		Press **START**
Hang up	END		Press **END**
Place call	START		Press **START**, dial number
Select line	START	LINE	Press **START** then press **LINE** , then select line number (**1**-**9**)
Adjust volume during call	VOL		Press **VOL** while you are talking to toggle between base volume level and a louder volume level
Put call on hold	HOLD		Press **HOLD**
Mute/Unmute microphone	FCN		Press **FCN** then 1

Operating Instructions

Basic Operation

Turn the Wireless Telephone on	Press the **PWR** key for about one second. You will hear a double chirp. Your extension will display. The **NO SVC** message will display briefly. When it goes out, you are ready to make and receive calls.
Turn the Wireless Telephone off	Press the **PWR** key for about one second. You will hear a single chirp. If you accidentally turn your Wireless Telephone off during a conversation, you can restore your conversation by pressing the **PWR** key and then the **START** key, provided the person you are talking to has not hung up.
Place a call	Press the **START** key, wait for dial tone, then dial the number. Dial calls with the Wireless Telephone exactly as with your desk phone. Your telephone system may require you to select a line by pressing the **LINE** key, followed by a line number. To hang up when you've finished the call, press the **END** key. Do not use the **PWR** key to end a call, because that will turn your Wireless Telephone off and you will not receive calls until you turn the Wireless Telephone back on.
Mute microphone	To mute the microphone so you can hear but won't be heard, press **FCN** then press 1. **MUTED** appears on the Wireless Telephone display. Press **FCN** then 1 again to restore voice pickup.
Answer a call	The Wireless Telephone will ring or vibrate to alert you. Additionally, a line indicator on the display may flash, and the display may show information about the call, such as caller's name and extension. To answer a call, press the **START** key and hold the earpiece to your ear. If you are on a call and hear subdued ringing, a call is coming in on a second line. To answer this call, put your first call on hold and press the **Line** key then the line number of the second call.
Access telephone system features	To access the features of your telephone system from the Wireless Telephone, press **FCN** anytime while in a call to display a menu of available features. Press the key(s) for the desired feature, or press **FCN** again to display more options. Select **EXIT MENUS** to exit. If your telephone system supports softkeys, pressing **FCN** provides access to softkey functions. You will need to press **FCN** twice to display the feature menu. Because softkey and system features vary, your system administrator will explain them for your telephone system.
Change volume	The Wireless Telephone has two volume levels, low and high. Set the low volume level by pressing **FCN** until **VOLUME** displays. Use keypad to select a level from **1** (softest) to **8** (loudest). High volume is automatically set two levels higher than low volume. Toggle between high and low volume by pressing the **VOL** key while in a call.

Backlight (PTB450 only)	The backlight comes on when any key is pressed or when there is an incoming call and stays on for ten seconds. It turns off after ten seconds if another key is not pressed within that period.

The Wireless Telephone Headset

	SpectraLink offers optional headsets for use in noisy environments or if you need to have your hands free while talking on the Wireless Telephone. To use the headset, simply plug it into the jack on the side of the Wireless Telephone. The headset is specially designed to work properly with The Link Wireless Telephone. We do not recommend using other headsets.
Ringing with headset	To hear ringing through a headset, the ring type must be set to **SOFT**.
Answer a call	To answer a call when your headset is plugged in, press any key except **PWR** or **END**.
Low headset volume	The speaker volume level can be adjusted separately for headset use. Plug the headset in and press **FCN** until **VOLUME** displays. Use the keypad to enter a volume level from **1** (softest) to **8** (highest). This sets the low volume. High volume is automatically set two levels higher than low volume. Toggle between high and low volume by pressing the **VOL** key while in a call.

Setting User Preferences

When the Wireless Telephone is in standby mode (on but not in use), press and briefly hold **FCN** to display the Standby menu which allows you to set user options. Check with your system administrator for specific features supported by your Wireless Telephone.

Menu Navigation

Press		Right arrow	to display next menu item.
Press		Left arrow	to display previous menu item.
Press		Zero	to select or change item.
Press		**FCN**	to return to previous menu level.
Press		**END**	to exit menus.

Menu Options

Volume level	Sets audio volume level.
	Use keypad to select a level from **1** (softest) to **8** (loudest).
Ring type	Select Ring type to set the standard ring on the Wireless Telephone. **Normal** is factory default. **Vibrator** ring works only if your Wireless Telephone has the optional vibrating ringer.
	Auxiliary Ring is used only by external applications.
	Press **0** to select desired ring type. The ring type currently set displays with an asterisk.
High noise mode	Adjusts the Wireless Telephone to account for background noise.
	Select an option that describes the noise in your environment.
Extension	Sets extension number associated with your Wireless Telephone.
	Use keypad to enter extension number.
Language	Sets the default language for Wireless Telephone menus.
	Select the language to be used with your Wireless Telephone.

Link Wireless Telephone Accessories

Battery Packs

Overview

The Wireless Telephone will need to have its Battery Pack recharged periodically. The Nickel Metal Hydride (NiMH) rechargeable Wireless Telephone Battery Pack gives you four hours of talk time or 80 hours of stand-by time. Stand-by time is when the phone is turned on, but you are not using it.

The Wireless Telephone also supports a Nickel-Cadmium (NiCd) Battery Pack, which supports two hours talk time and 40 hours stand-by.

Indications of low battery

The Wireless Telephone will notify you when the charge on the Battery Pack becomes low. If the Wireless Telephone is in use, the **BATT** message will display and you will hear a soft beep through the earpiece every six seconds. You have two minutes to complete the call or change the Battery Pack.

The Battery Pack can be changed while the call is still in progress. Do not press **END**. Quickly remove the discharged Battery Pack and replace with a charged Battery Pack, press **PWR**, and then press **START** to resume the call in progress.

If the Wireless Telephone is idle, you will hear a brief modulated ring signal and the Low Battery message will display. Your Wireless Telephone will not operate until you replace the Battery Pack.

Depending on the charging equipment you have purchased, you will either place the Wireless Telephone in a Charging Stand to charge the Battery Pack, or you will remove the Pack from the Wireless Telephone and install it in the Charger.

Caution:

Take care not to short the battery contacts on the Battery Pack with metal objects such as coins, keys or paper clips. Shorting the contacts can cause permanent damage.

Battery Pack removal and replacement

To remove the Battery Pack, press down on the oval button above the Battery Pack on the back of the Wireless Telephone. Slide the Pack toward the bottom of the Wireless Telephone until it stops, then lift up.

To replace the Battery Pack, first properly align the top of the Battery Pack with the arrows on the label on the back of the Wireless Telephone. Gently press and slide the Pack toward the top of the Wireless Telephone until it snaps into place. You should not have to force it against the Wireless Telephone.

Important:

Only use SpectraLink Battery Packs with SpectraLink Wireless Telephones.

Do not dip the Battery Pack in water or throw into fire.

Do not throw away the Battery Pack with your domestic waste. Take used Battery Packs to an appropriate collection point for recycling or send them back to your supplier or servicing agent.

Link Dual Charger

Link Wireless Telephone
In PTC400 Dual Charger

Overview

The Link Dual Charger is a two-slot desktop charger designed to charge the model PTS360 Battery Pack. The handset is placed in the front compartment and a single spare Battery Pack may be placed in the rear slot. Either slot can be chosen to take priority (the first Battery Pack placed into either slot is charged first) so that the handset is always ready for use. Full charging is accomplished in approximately two hours for each Battery Pack. The Link Dual Charger will only charge Nickel Metal Hydride (NiMH) Battery Packs; this charger will not charge Nickel-Cadmium (NiCd) Battery Packs.

The Link Dual Charger will only successfully charge NiMH Battery Packs with a YELLOW label on the handset contact side. Older Battery Packs with a GREEN label will not charge in the Link Dual Charger. If the indicator light is flashing with a Battery Pack or handset in the slot, check to make sure the Battery Pack has a YELLOW label.

Power supply

Four different models of the power supply for the Link Dual Charger are available for regional power requirements. The correct power supply must be ordered separately when the charger is ordered. If any questions arise, please contact your service representative.

Set up the Link Dual Charger by placing it on a flat, horizontal surface in order to ensure proper contact with the Battery Pack contacts. Connect the power supply to the charger and plug the power supply into an appropriate wall outlet. The LEDs will light only when a handset or Battery Pack is inserted into the slots.

Operation

The user must end any call in progress by pressing the **END** key on the handset before placing the handset into the charger. The call will not automatically terminate when the handset is placed in the charger. The Battery Pack and handset will only fit into the charger compartments one way. The handset should be inserted into the front slot, facing forward. The Battery Pack alone should be inserted into the rear slot with the side that attaches to the handset facing to the rear. See the cover photo for the correct orientation. Correct placement has been achieved when the charging light is activated. Incorrect placement will not activate the charging light.

Indicator lights

The Link Dual Charger is designed to charge one Battery Pack at a time. Each charging slot has a red light that indicates its current mode. The charging lights have the following characteristics: When both a Battery Pack and a handset are present at the same time, the first one placed into the charger will begin charging. When it is fully charged, the second Battery Pack will charge. When the LED indicator light turns off, the charger is finished charging the Battery Pack in its slot, indicating that the Battery Pack is ready for use. The Link Dual Charger will recharge a single NiMH Battery Pack or a single handset in two hours.

Indication Light	Charging Characteristic
Solid On	Charging.
Solid Dim	Waiting to charge. Battery Pack in other slot is charging.
Off	Done charging, empty slot or unit is not powered.
Flash	Error. Battery Pack not charging. Try again or replace Battery Pack.

Link Quick Charger

Link Quick Charger and power supply

Overview

The Link Quick Charger holds a single PTS360 Battery Pack and can charge it in approximately one hour.

Power supply

Four different models of the power supply for the Link Quick Charger are available for regional power requirements. The correct power supply must be ordered separately when the charger is ordered. If any questions arise, please contact your service representative.

Set up the Link Quick Charger by plugging the power supply into the Link Quick Charger and into an appropriate wall outlet.

A solid red LED above the empty charger slot indicates that the slot is idle and ready for use. If the LED does not light, check the power supply and plug connection to the charger. If the charger appears to be plugged in correctly, make sure the wall outlet has power.

Position the Battery Pack in the charging slot by aligning the top of the Battery Pack with the tracks on the charging slot then gently sliding the Battery Pack upward onto the charging slot. While the Battery Pack is in the charging slot, the LED above the slot will indicate the status of the charging process and/or the Battery Pack.

LED status indicators

Solid Green—the Battery Pack is charging. The Link Quick Charger takes 60-90 minutes to fully charge a Battery Pack. If the NiMH Battery Pack is hot or cold when placed in the charger, it may take longer to charge.

Flashing green—the Battery Pack is fully charged and ready for use. You may leave a fully charged Battery Pack in the Link Quick Charger. However, if you remove a fully charged Battery Pack then replace it in the charger, the charger LED will be solid green until the charger determines that this Battery Pack is fully charged. It may take a few minutes to give the flashing green indication.

Solid red or flashing red—the Battery Pack in the charging slot is no longer capable of retaining a charge and is not usable. If the Battery Pack will not charge, do not continue to charge the Battery Pack. Dispose of it properly and do not attempt to use it in the handset.

Do not attempt to open or repair a defective Battery Pack.

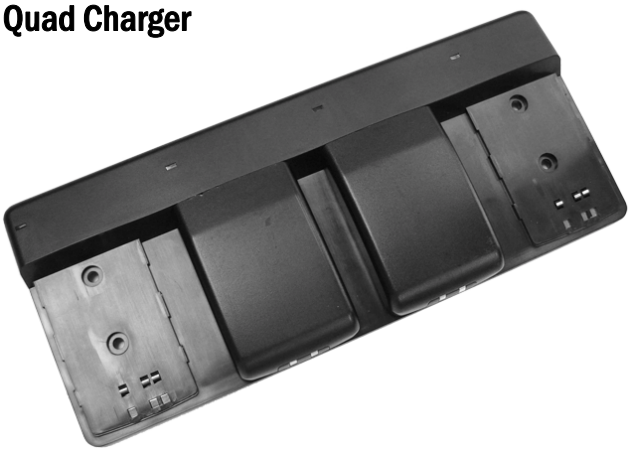
Flashing red/green—there is a problem with either the Battery Pack or Link Quick Charger. It may mean the Battery Pack being charged is too hot or too cold. Allow the Battery Pack to stabilize at room temperature and try again. If the Battery Pack will not charge, do not continue to charge the Battery Pack. Dispose of it properly and do not attempt to use it in the handset. Do not attempt to open or repair a defective Battery Pack. If several different Battery Packs cause the charger to show a flashing red or red/green LED, the charger may not be working properly. To verify this, substitute another Link Quick Charger and repeat the operation that caused the failure. If the same Battery Pack lights a green LED when inserted in a different charger, the Link Quick Charger is faulty. Contact your service representative for assistance.

Flashing yellow—the Link Quick Charger is testing and conditioning the Battery Pack. This test/condition mode is automatically started every 11th cycle of the charger. Testing the NiCd standard Battery Pack takes approximately four hours; testing the NiMH high-capacity Battery Pack takes approximately eight to ten hours. To manually start the test, press the MODE button. To stop the test, press the MODE button. However, it is highly recommended that the test be allowed to complete.

Battery Pack bins

If a handset is to be used during the recharging cycle, fully charged Battery Packs must always be available. Therefore, it is recommended that a bin is available to collect discharged Battery Packs and a second bin for charged Battery Packs. Users can quickly replace their discharged Battery Pack with a charged one. An assigned person can recharge the Battery Packs and move them to the charged bin as they are recharged. It is also recommended that the bins be non-metallic and clearly labeled to identify whether they are intended for charged or discharged Battery Packs.

Link Quad Charger



Link Quad Charger
Model GCL100
(shown with two empty charging bays)

Overview

The Link Quad Charger is designed to simultaneously charge four PTS360 NiMH (Nickel Metal Hydride) Battery Packs. The Link Quad Charger is only authorized for use in the U.S. and Canada.

The Link Quad Charger may be mounted on a horizontal or vertical surface.

Power supply

The power supply that is required for this unit is the SpectraLink part number GCX100A. Set up the Link Quad Charger by plugging the power supply into the Link Quad Charger and into an appropriate wall outlet.

A solid red LED above an empty charger slot indicates that the slot is idle and ready for use. If the LEDs do not light, check the power supply and plug connection to the charger. If the charger appears to be plugged in correctly, make sure the wall outlet has power.

Position the Battery Pack in a charging slot by aligning the top of the Battery Pack with the tracks on the charging slot then gently sliding the Battery Pack upward onto the charging slot. While the Battery Pack is in the charging slot, the LED above the slot will indicate the status of the charging process and/or the Battery Pack.

LED status indicators

Solid Green—the Battery Pack is charging. The Link Quad Charger takes 60-90 minutes to fully charge a Battery Pack. If the NiMH Battery Pack is hot or cold when placed in the charger, it may take longer to charge.

Flashing green—the Battery Pack is fully charged and ready for use. You may leave a fully charged Battery Pack in the Link Quad Charger. However, if you remove a fully charged Battery Pack then replace it in the charger, the charger LED will be solid green until the charger determines that this Battery Pack is fully charged. It may take a few minutes to give the flashing green indication.

Solid red or flashing red—the Battery Pack in the charger is no longer capable of retaining a charge and is not usable. If the Battery Pack will not charge, do not continue to charge the Battery Pack. Dispose of it properly and do not attempt to use it in the Wireless Telephone. Do not attempt to open or repair a defective Battery Pack.

	Flashing red/green—there is a problem with either the Battery Pack or charger. It may mean the Battery Pack being charged is too hot or too cold. Allow the Battery Pack to stabilize at room temperature and try again. If the Battery Pack will not charge, do not continue to charge the Battery Pack. Dispose of it properly and do not attempt to use it in the Wireless Telephone. Do not attempt to open or repair a defective Battery Pack. If several different Battery Packs cause the charger to show a flashing red or red/green LED, the charger may not be working properly. To verify this, check the Battery Pack in a different slot or substitute another charger and repeat the operation that caused the failure. If the same Battery Pack lights a green LED when inserted in a different slot or charger, the first charger is faulty. Contact your service representative for assistance.

Important Notes about Chargers and Battery Packs

Chargers operate in a 50° to 85° F (10° to 30° C) environment. Do not expose them to freezing temperatures or direct sunlight.

Do not place anything in the charger other than the Wireless Telephone. You might damage the contacts. Bent contacts can keep the Wireless Telephone from charging.

It is normal for the Battery Pack to become warm when charging.

Only use SpectraLink Battery Packs with SpectraLink chargers.

Never use non-SpectraLink charging units as they could damage the Battery Pack.

Only use the original plug-in power adapter for the chargers.

Do not dip the Battery Pack in water or throw into fire.

Do not throw away the Battery Pack with your domestic waste. Take used Battery Packs to an appropriate collection point for recycling or send them back to your supplier or servicing agent.

Replacement Battery Packs are available from your supplier or servicing agent.

General Care of the Wireless Telephone and Chargers

This section applies to all Link Wireless Telephones and all Link chargers.

Do not drop

Avoid dropping the Wireless Telephone or knocking it against hard surfaces. Carrying the Wireless Telephone in a holster or carrying case will help to protect it.

Do not disassemble

There are no serviceable parts in the Wireless Telephone or chargers. You should not open the Wireless Telephone case nor disassemble the chargers. Doing so will void your warranty.

Cleaning tips

Turn off the Wireless Telephone before you clean it. Never immerse in water. Clean the exterior surfaces, including the charging contacts, with a cloth that has been slightly moistened with water. Take care not to exert undue pressure on charger electrical contacts while wiping.

Wiping the handset surface with a water-dampened cloth or paper towel will remove most films or residues. If the soiling is too stubborn for plain water, a mild detergent solution may be used. Be sure to wipe away any detergent residue with a clean water-dampened cloth.

The Wireless Telephone may be cleaned with any general-purpose household glass and surface-type cleaner. DO NOT SPRAY THE HANDSET DIRECTLY!

Pre-treated cloths such as used for eyeglasses or cameras may be used to clean the handset. Pre-moistened towelettes may also be used to clean the handset, however, avoid those containing lanolin or aloe as it will leave a slippery residue.

The surface of the handset may be cleaned occasionally with disinfectants used for general cleaning in a medical environment. Isopropyl alcohol may be used occasionally applied by a damp cloth or paper towel. When using alcohol, do not rub the keypad characters vigorously. Doing so will significantly degrade legibility.

Do not use furniture polishes, waxes or plasticizer-based cleaner (Armor All™, etc.)

Do not use lanolin, aloe, glycerin or other skin care type products.

Do not apply any solvent such as acetone, mineral spirits etc.

Do not directly spray or immerse the handset.

Headset cleaning

Should the headset connector become dirty, a scratchy or intermittent signal may be experienced. To clean the connector, dip the non-padded end of either a wooden or paper handled cotton swab in isopropyl alcohol. Gently insert in the connector and twist, repeating several times. If available, blow compressed air into the connector to clear debris.

Tips for Use

- Before you use the Wireless Telephone, the Battery Pack must be charged.
- You can only use the Wireless Telephone with your facility's telephone system. It is not a public cellular handset.
- Keep the Wireless Telephone away from your ear when it is ringing.
- The microphone is below the **LINE** key. This is a sensitive microphone that works well when the Wireless Telephone is correctly positioned on your ear. There is no need to speak directly into the microphone, but do not cover it with your hand or cheek when talking.
- The LCD panel displays information about the status of your Wireless Telephone and prompts you about features.
- If the Battery Pack is low, you will hear a soft beep and see the **BATT** message in the display.
- Improper disposal of Battery Packs can damage the environment. Dispose of batteries properly.
- To protect the Wireless Telephone, use a carrying case.

PLEASE NOTE:

It is recommended that standard acceptance procedures be followed prior to operating this equipment in proximity of life-support systems.

To minimize risk of interference, pacemaker users should not carry the Wireless Telephone next to the pacemaker.

Earpiece may retain magnetic objects.

Operation of the Wireless Telephone may produce an audible noise noticeable to hearing aid users. It is recommended that a hearing aid compatible headset be used by hearing aid users.

WARNING Changes or modifications to this equipment not approved by SpectraLink Corporation may cause this equipment to not comply with part 15 of the FCC rules and void the user's authority to operate this equipment.

WARNING SpectraLink products contain no user-serviceable parts inside. Refer servicing to qualified service personnel.

Handset Operation Normal Position: Hold the handset as you would any other telephone, with the earpiece to your ear and speak into the microphone. The internal antenna is then positioned properly.

Regulatory Information

NOTE CONCERNING THE WIRELESS TELEPHONES:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO FREQUENCY (RF) INFORMATION:

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

OPERATIONAL WARNINGS:

For Vehicles Equipped with an Air Bag: Do not place a portable radio product in the area over the air bag or in the air bag deployment area. An air bag inflates with great force. If a portable radio is placed in the air bag deployment area and the air bag inflates, the radio product may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres: Turn off your radio product, prior to entering any area with a potentially explosive atmosphere, unless it is a radio product type especially qualified for use in such areas (for example, Factory Mutual Approved). Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine. Areas with potentially explosive atmospheres are often but not always posted.

Batteries: All batteries can cause property damage and/or bodily injury, such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects.

Cleaning and Drying Considerations Using a leather carry case may help protect the surfaces and help prevent liquids (e.g., rain) from entering into the interior of the radio product. This product is not waterproof, and exposing the unit to liquids may result in permanent damage to the unit.

If your Wireless Telephone interior gets wet, then do not try to accelerate drying with the use of an oven or a dryer as this will damage the Wireless Telephone and void the warranty. Instead, do the following: 1. Immediately power off the Wireless Telephone. 2. Remove Battery Pack from Wireless Telephone. 3. Shake excess liquid from the Wireless Telephone. 4. Place the Wireless Telephone and Battery Pack in an area that is at room temperature and has good airflow. 5. Let the Wireless Telephone and Battery Pack dry for 72 hours before reconnecting the Battery Pack and/or powering on the Wireless Telephone. If the Wireless Telephone does not work after following the steps listed above, contact your dealer for servicing information.

ELECTRO MAGNETIC INTERFERENCE/COMPATIBILITY:

Nearly every electronic device is susceptible to electromagnetic interference (EMI) if inadequately shielded, designed or otherwise configured for electromagnetic compatibility.

Facilities

To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio product in any facility where posted notices instruct you to do so. Hospitals or health care facilities may be using equipment that is sensitive to external RF energy.

Medical Devices

Pacemakers: The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (15 cm) be maintained between a handheld wireless radio product and a pacemaker. These recommendations are consistent with the independent research by, and recommendations of, Wireless Technology Research. Persons with pacemakers should:

- ALWAYS keep the radio product more than 6 inches (15 cm) from their pacemaker when the radio product is turned ON.
- Not carry the radio product in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn the radio product OFF immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless radio products may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Campus installations and warehouse facilities that use vehicles such as forklifts or golf carts should abide by these guidelines when using wireless telephones:

- Give full attention to driving and to the road, aisle, or path.
- Use hands-free operation, if available.
- Pull off the road, aisle, or path and park before making or answering a call if driving conditions so require.

INTERNATIONAL CERTIFICATIONS:

Canada	2128-K1374
United States	IEC 60950
United States	Part 15, part 68